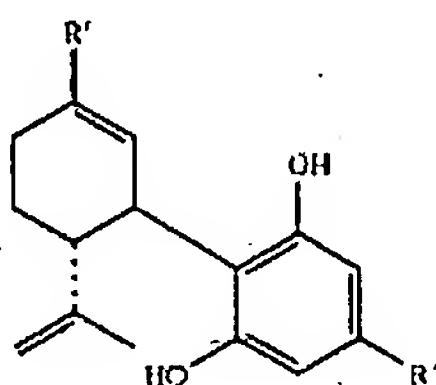


In the claims:

1.(Currently Amended) ~~A method of Use of a cannabidiol for the manufacture of a medicament identified for the treatingment or preventing of diabetes~~ in a subject, the method comprising administering to the subject a therapeutically effective amount of a cannabidiol, thereby treating or preventing diabetes in the subject.

2. (Currently Amended) The ~~methoduse~~ of claim 1, wherein said cannabidiol comprises a compound having the general formula:



(I)

wherein R' is alkyl, COOH or CH₂OH; and

R'' is selected from the group consisting of a straight or branched alkyl having 5 to 12 carbon atoms; an -OR''', where R''' is straight or branched alkyl having 5 to 9 carbon atoms, or a straight or branched alkyl substituted at the terminal carbon atom by a phenyl group; and a -(CH₂)_n-O-alkyl group, where n is an integer from 1 to 7 and the alkyl group has 1 to 5 carbon atoms.

3. (Currently Amended) The ~~methoduse~~ of claim 2, wherein R' is CH₃ and R'' is a straight alkyl having 5 carbon atoms (C₅H₁₁).

4. (Currently Amended) The ~~methoduse~~ of claim 1, wherein said cannabidiol comprises a natural cannabidiol.

5. (Currently Amended) The ~~methoduse~~ of claim 4, wherein said natural cannabidiol is extracted from Cannabis.

6. (Currently Amended) The ~~methoduse~~ of claim 1, wherein said diabetes is a type I diabetes.

7. (Currently Amended) The method of claim 1, wherein said diabetes is a type II diabetes.

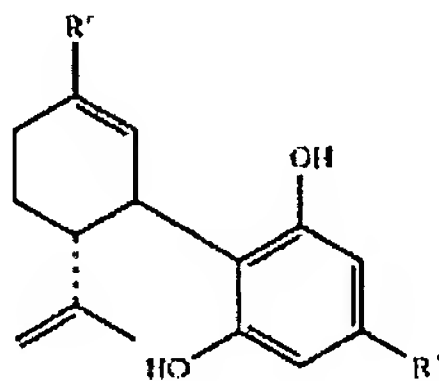
8. (Currently Amended) The method of claim 1, wherein said administering is via medicament is formulated for parenteral administration.

9. (Currently Amended) The method of claim 1, wherein said administering is via medicament is formulated for oral administration.

10. (Currently Amended) The method of claim 1, wherein said administering is via medicament is formulated for transdermal administration.

11. (Currently Amended) A method of Use of a cannabidiol for the manufacture of a medicament identified for the treating or preventing of insulinitis in a subject comprising administering to the subject a therapeutically effective amount of a cannabidiol, thereby treating or preventing insulinitis.

12. (Currently Amended) The method of claim 11, wherein said cannabidiol comprises a compound having the general formula:



(I)

wherein R' is alkyl, COOH or CH₂OH; and

R'' is selected from the group consisting of a straight or branched alkyl having 5 to 12 carbon atoms; an -OR''', where R''' is straight or branched alkyl having 5 to 9 carbon atoms, or a straight or branched alkyl substituted at the terminal carbon atom by a phenyl group; and a -(CH₂)_n-O-alkyl group, where n is an integer from 1 to 7 and the alkyl group has 1 to 5 carbon atoms.

13. (Currently Amended) The methoduse of claim 12, wherein R' is CH₃ and R'' is a straight alkyl having 5 carbon atoms (C₅H₁₁).

14. (Currently Amended) The methoduse of claim 11, wherein said cannabidiol comprises a natural cannabidiol.

15. (Currently Amended) The methoduse of claim 14, wherein said natural cannabidiol is extracted from Cannabis.

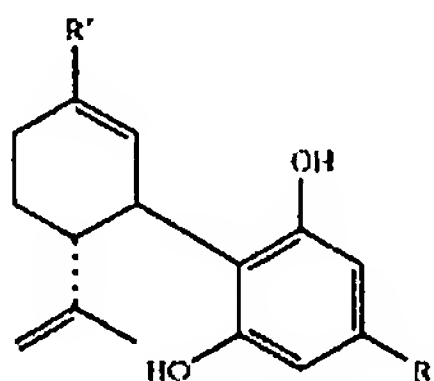
16. (Currently Amended) The methoduse of claim 11, wherein said administering is viamedicament is formulated for parenteral administration.

17. (Currently Amended) The use of claim 11, wherein said administering is viamedicament is formulated for oral administration.

18. (Currently Amended) The use of claim 11, wherein said administering is viamedicament is formulated for transdermal administration.

19. (Withdrawn, Currently Amended) A method of Use of a cannabidiol for the manufacture of a medicament for prolonging survival of transplanted pancreatic cells comprising administering a therapeutically effective amount of a cannabidiol, thereby prolonging survival of the transplanted pancreatic cells.

20. (Withdrawn, Currently Amended) The methoduse of claim 19, wherein said cannabidiol comprises a compound having the general formula:



(I)

wherein R' is alkyl, COOH or CH₂OH; and

R'' is selected from the group consisting of a straight or branched alkyl having 5 to 12 carbon atoms; an -OR''', where R''' is straight or branched alkyl having 5 to 9

carbon atoms, or a straight or branched alkyl substituted at the terminal carbon atom by a phenyl group; and a $-(\text{CH}_2)_n\text{-O-alkyl}$ group, where n is an integer from 1 to 7 and the alkyl group has 1 to 5 carbon atoms.

21. (Withdrawn, Currently Amended) The method~~use~~ of claim 20, wherein R' is CH_3 and R'' is a straight alkyl having 5 carbon atoms (C_5H_{11}).

22. (Withdrawn, Currently Amended) The method~~use~~ of claim 1, wherein said cannabidiol comprises a natural cannabidiol.

23. (Withdrawn, Currently Amended) The method~~use~~ of claim 4, wherein said natural cannabidiol is extracted from Cannabis.

24. (New) The method of claim 1, wherein said subject has transplanted pancreatic cells.

25. (New) The method of claim 11, wherein said insulinitis is in a subject having transplanted pancreatic cells.